

VERIFICATION OF TRANSLATION

I, Kyoko HIRANO, maintaining my place of business at IKEUCHI-SATO & PARTNER PATENT ATTORNEYS, 26th Floor, OAP TOWER, 8-30, Tenmabashi 1-chome, Kita-ku, Osaka-shi, Osaka 530-6026, JAPAN, hereby certify that the attached pages of English text are a true and correct translation of the Japanese language patent application filed on November 13, 2001, entitled DIFFRACTION GRATING BODY, OPTICAL PICK-UP, SEMICONDUCTOR LASER APPARATUS AND OPTICAL INFORMATION APPARATUS and assigned Serial No. 10/010,721.

I additionally attest that I have knowledge of both the Japanese and the English languages and that I am further qualified by education, experience and vocation to make this verification. I affirm under the penalty of perjury under the laws of the United States that the foregoing is correct to the best of my information and belief.

Kyoko HIRANO

Name: Kyoko HIRANO

March 19, 2002

Date